

Requested DSC Briefings

- Delta Flood Emergency Preparedness and Response Plan
- Stockpile Rocks and Other Emergency Response Materials
- Assess and Improve State Capacity to Respond to Catastrophic Events in the Delta
- Delta Region Flood Emergency Response Exercise

Delta Flood Preparedness, Response, and Recovery Program

Department of Water Resources
Division of Flood Management
Geoff Shaw

Presentation Overview

- Delta Flood Emergency Preparedness, Response, and Recovery Program
 - Authorization and Funding
 - Major Components
 - Issues/Challenges
 - Program Schedule
- Emergency Exercises

Program

- **Flood Emergency Preparedness, Response, and Recovery Plan**
 - Critical Delta Facts Reference
 - Water Quality Response Strategy
 - Emergency Roles & Responsibilities
- **Multi-agency Integration of Plan**
- **Facilities & Logistics Implementation**

Authorization and Funding

- **Proposition 84 (2006)**
- **Proposition 1E (2006)**
- **Flood Legislation (2007)**
 - SB 5, 17
 - AB 5, 70, 156, 162
- **Senate Bill X2 1 (2008)**
 - Reallocation of Proposition 1E Funding
 - \$135 Million (1-year appropriation)
 - \$80 Million - Emergency Preparedness
 - \$55 Million - Levee Improvements

Program Objectives

- **Protect**
 - Public Safety and Health
 - Critical Infrastructure
 - Environment/Delta Ecosystem
- **Improve Levee Failure Response**
 - Effective Response Plan
 - Preposition Materials/Supplies
 - Catastrophic, Multiple Island Failures
- **Limit Levee Failure Impacts**
 - Water Quality and Exports
 - Critical Infrastructure
 - Property Damage

Emergency Response and Preparedness Plan Organization

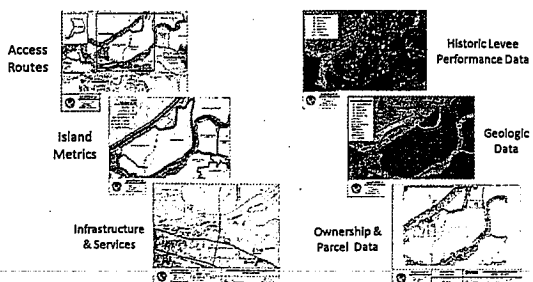


- **Main Document** – Emergency Response Guidance Document
- **Supplement A** – Critical Facts and Geographic Information
- **Supplement B** – Water Quality Impacts and Response Strategies
- **Supplement C** – Define DWR Roles and Responsibilities

Main Document

- **Define DWR Response to Levee Failure**
- **Develop a Decision-based Response**
 - Respond to Single or Multiple Failures
 - Assess State Level of Response
 - Allocate Limited Resources Effectively
- **Priorities of Decision Process**
 - Public Safety and Health
 - Critical Infrastructure
 - Environment

Supplement A Critical Facts and Geographic Information



**Supplement B
Water Quality Impacts and Response**

- Resume Water Operations Quickly
- Limit Water Quality Impacts
- Identify Short-term Actions (<24 hours)
- Evaluate Long-term Recovery Solutions

**Supplement C
DWR Roles and Responsibilities**

- Management Resource Document
- Flood Emergency Responsibilities
 - Incident Command
 - Operations
 - Planning/Intelligence
 - Logistics
 - Finance/Administration
- Flood Emergency Roles
 - Flood-fight
 - Repair and Recovery

Multi-Agency Plan Integration

- Multiple Federal, State, and Local Agencies
 - Different Jurisdictional Areas
 - Different Authorities
 - Different Priorities
 - Different Resources
- Need an Effective Coordinated Response
 - Establish Who is in Charge and When
 - Efficient Allocation of Resources
 - Effective Communications
- Cooperation not Litigation

Facilities and Logistics Implementation

- **Strategic Location of Facilities**
- **Supplies "On-Hand" and "Ready-to-Go"**
- **Reduce Response Time**
 - Flood-fight
 - Levee Failure (Single or Multiple)
- **Redundancy**
 - Multiple Materials Storage Locations
 - Loss of a Storage Site is Not Fatal
 - Multiple Material Procurement Options
 - Loss of a Supply source is Not Fatal

Emergency Response Facilities

- **Incident Command Post Sites**
 - Accommodations
 - Communications
- **Waterside Access & Transfer Capacity**
- **Flood-fight Materials Storage**
- **Rock Stockpiles**
- **Equipment Storage**



Existing Stockpiles

- **Port of Stockton**
 - ~120,000 tons Rock
 - Conveyor System
 - No Waterside Dock Facility
- **Rio Vista**
 - ~120,000 tons Rock
 - No Conveyor System
 - No Waterside Dock or Transfer Facilities

Flood Emergency Exercises

DWR

- FCO/FOC Function/Table Exercise – Oct 6, 2010
- FOC/ICT Field Exercise – Nov 2010
- FOC Delta Table Top Exercise – Dec 2010
- FOC/Comm Training Exercises – Nov/Dec 2010
- FOC Functional Exercise – Dec 2010, Feb & Apr 2011

Cal EMA Inland Region

- Multi-hazard Workshop - 21 October 2010

Golden Guardian 2011 Exercise

- May 17 – 19, 2011
- Major Central Valley and Delta Flood Event
- Exercise Play Driven by Operational Areas
 - LMAs
 - Operational Areas
 - Federal Agencies
 - Cities
 - State Agencies
 - NGOs, PSPs
- 20+ Counties, 26+ State Agencies
- MPC Sacramento - Oct 27, 2010
- Inland Region Workshop – Nov 2/3, 2010

Golden Guardian 2011 Exercise

- CalEMA Exercise (All levels of Government)
- NWS, CNRFC and DWR – Weather/Flood Design
- Objectives (DWR)
 - Alert and Warn
 - Flood Response
 - Delta Flood Emergency Response Plan
 - Delta Mutual Aid Coordination (MAC)
 - allocation of scarce resources
 - Department-wide Exercise

Summary

- Delta Flood Preparedness, Response, and Recovery Program
- Program Components
 1. Emergency Preparedness and Response Plan
 2. Multi-Agency Integration
 3. Facility and Logistics Implementation
- Program Schedule
- Issues
- Emergency Exercises
